

DESCRIPTIONS OF FOUR NEW SPECIES OF *ENGINA* AND A NEW SPECIES OF *DEFRANCLA*.

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LAST year, when studying the various forms associated under the genera *Engina*, *Sistrum*, and *Peristernia*, in our National Collection, the following four species were put aside as meriting further examination; and it is at the request of Mr. E. A. Smith, F.Z.S., that I now describe them, especially as numerous specimens of one (*E. Natalensis*) have now come to hand, and are in various collections, from South Africa.

1. *ENGINA CUMINGIANA*, n.sp. Pl. XIV. Fig. 13.

E. testa ovata, angulata, solida, gilva, apud apicem acuminata, anfractibus sex, longitudinaliter paucicostatis, transversim liratis, in medio pallidâ fascia cingulatis, apertura constricta, columella paullulum plicata, labro exteriori inerassato, denticulato. Long. 11·50, lat. 6 mm.

*Hab.*—St. Thomas.

A single shell, forming part of the Cumingian Collection in the British Museum. A compact Ricinuloid shell, with acuminate apex, few ribs, transversely banded with delicate liræ, the spaces between them being alternately of slightly darker or lighter shade, the central fascia on the last whorl being lighter, mouth constricted, columella slightly plaited, outer lip denticulate. The last whorl is angular. It resembles *E. contracta*, Reeve, to some extent; in form is nearer *E. turbinella*, Kien.

2. *ENGINA NATALENSIS*, n.sp. Pl. XIV. Fig. 12.

E. testa oblonga, fusiformi, solida, ad apicem attenuata, apud basim subcontracta, anfractibus septem, longitudinaliter obscure costulatis, undique transversim tenuistriatis, albis, brunneis nodulis variegatis et tessellatis, apertura oblonga, labro exteriori inerassato, denticulato. Long. 10–12, lat. 4 mm.

*Hab.*—Natal (Mr. Furse and others).

Allied to *E. concinna*, Reeve, with which it has been confounded hitherto. The base is more produced than in that species, which is also a little broader; the tessellated marking in the species before us is more variegated, and at first sight irregular, and at the same time it is precisely the obverse of that obtaining in *concinna*, the tips of the nodules being brown, the main body of the shell white. In *concinna* the tips of the nodules in the centre of the whorls are white, forming a slightly variegated median band. The disposition of the marking in *Natalensis* is quite regular when carefully examined. Immediately

below the sutures is a row of large distant transverse blotches; below this a regular double row of even nodule-spots on the obscure costæ; on the last whorl, below this again, a narrow line of distant transverse blotches, and towards the base a fairly regular tessellation.

Many specimens have lately come from Natal. Those in the British Museum (Natural History) were collected by M. Furse.

3. *ENGINA LAYARDI*, n. sp. Pl. XIV. Fig. 15.

E. testa oblonga, fusiformi, apud apicem, acuminata, anfractibus sex vel septem, spiraliter transversim-sulcatis, albis, regulariter brunneo-maculatis, velut in *E. Natalensi*, apertura oblongâ, labro exteriori conspicuè denticulato, interstitiis brunneis, columella plicatula. Long. 9, lat. 3.50 mm.

*Hab.*—Ceylon (E. L. Layard).

Very similar to the species last described (*E. Natalensis*), but differing in the slightly smaller size, greater attenuation of whorls, and especially in the absence of the transverse, very delicate, striæ, which are found in all specimens of *Natalensis*. The disposition and arrangement of the coloured nodules is similar. The outer lip is more ornamented, being transversely cross-ridged by the shining white denticles, the spaces between being brown. Columella slightly plaited. Three specimens, with locality as above, in the National Collection, South Kensington.

4. *ENGINA SINENSIS*, n. sp. Pl. XIV. Fig. 14.

E. testa ovato-pyramidalis, solida, apice acuto et attenuato, anfractibus septem vel octo, gilvis, cingulo transverso carneo decoratis, longitudinaliter costatis, transversim spiraliter sulculosis, apertura constricta, oblonga, labro exteriori incrassato, denticulato, columellari reflexo, rugoso-striato. Long. 12, lat. 5 mm.

*Hab.*—"China Seas."

There are two specimens of this distinct little *Engina* in the National Collection, both labelled "China Seas," one being in good condition, the other worn. It is a warm-red, fawn-coloured shell, with paler transverse median band, longitudinally costate, the ribs transversely sulcate, the mouth constricted, columella plaited, outer lip thickened and denticulate. It is to be placed near *E. fusiformis*, Pease, and others of that section.

5. *DEFRANCIA JAPONICA*, n. sp. Pl. XIV. Fig. 11.

D. testa oblongo-fusiformi, tenui, carnea, anfractibus septem, ventricosis, apud suturas impressis, longitudinaliter costatis, costis rotundis, regularibus, ad suturas plicatis, transversim filoliratis, apertura oblonga, labro exteriori incrassato, albescente, canali brevi. Long. 13, lat. 5 mm.

*Hab.*—Japan.

Of this species I received two specimens some five or six years ago in a box of native manufacture, imported from Japan, and this contained several very interesting shells, a few proving new to science. It is a small flesh-coloured species, with white somewhat thickened outer lip, whorls seven, tumid, impressed at the sutures, roundly ribbed, the ribs being uniformly transversely crossed by threaded raised liræ.

It may not be out of the way here to raise a protest against the generic name *Defrancia* being set aside in favour of *Clathurella*. *Defrancia*, Millet, 1826, has thirty-one years' priority over Carpenter's name.

## EXPLANATION OF PLATE XIV.

- FIG. 1. Mitra (*Pusia*) *Evelynæ*.  
 " 2. " (*Costellaria*) *eu lianthe*.  
 " 3. " (*Pusia*) *Shoplandi*.  
 " 4. " (*Strigatella*) *nebrias*.  
 " 5. " *xerampelina*.  
 " 6. " (*Turricula*) *superbiens*.  
 " 7. *Buliminus Lunti*.  
 " 8. *Otopoma Bentianum*.  
 " 9. *Latirus Walkeri*.  
 " 10. *Pleurotoma* (*Drillia*) *Jousseaumei*.  
 " 11. *Defrancia Japonica*.  
 " 12. *Engina Natalensis*.  
 " 13. " *Cumingiana*.  
 " 14. " *Sinensis*.  
 " 15. " *Layardi*.
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